CONTENTS VOLUME 67 APRIL 1984

page 1 FITZGERALD, L. A., DENNY, J. B., BAUMBACH, G. A., KETCHAM, C. M. and ROBERTS, R. M. Effect of altered oligosaccharide structure on the cell surface number, distribution and turnover of the high molecular weight acidic glycoproteins of CHO cells

25 LU, B. C. The cellular program for the formation and dissolution of the synaptonemal complex in *Coprinus*

45 BANYARD, M. R. C. and WHITE, M. K. Association of an integral membrane protein with glucose transport and with anion transport

63 WHITE, M. K. Kinetic parameters of neutral amino acid transport in hybrids between malignant and non-malignant cells

69 MAUL, G. G., BAGLIA, F. A., NEWMEYER, D. D. and OHLSSON-WILHELM, B. M. The major 67 000 molecular weight protein of the clam oocyte nuclear envelope is lamin-like

87 BISHOP, D. L. and KING, R. C. An ultrastructural study of ovarian development in the *otu*^{7} mutant of *Drosophila melanogaster*

121 DENNIS, M. V., WATSON, C. B. and HEIFETZ, A. Secreted glycoproteins of human kidney tumour cells contain sulphated complex-type oligosaccharides

133 WEISS, R. L. Ultrastructure of the flagellar roots in *Chlamydomonas* gametes

145 PARISH, C. R., RYLATT, D. B. and SNOWDEN, J. M. Demonstration of lymphocyte surface lectins that recognize sulphated polysaccharides

159 WOOLLEY, D. M. and OSBORN, I. W. Three-dimensional geometry of motile hamster spermatozoa

171 MATTEY, D. L. and GARROD, D. R. Organization of extracellular matrix by chick embryonic corneal epithelial cells in culture and the role of fibronectin in adhesion

189 MATTEY, D. L. and GARROD, D. R. Role of glycosaminoglycans and collagen in the development of a fibronectin-rich extracellular matrix in cultured embryonic corneal epithelial cells

203 SEYFERT, H.-M., HIPKE, H. and SCHMIDT, W. Isolation and phenotypic characterization of *Tetrahymena thermophila* size mutants: the relationship between cell size and regulation of DNA content

217 JORDAN, E. G. Nucleolar nomenclature